



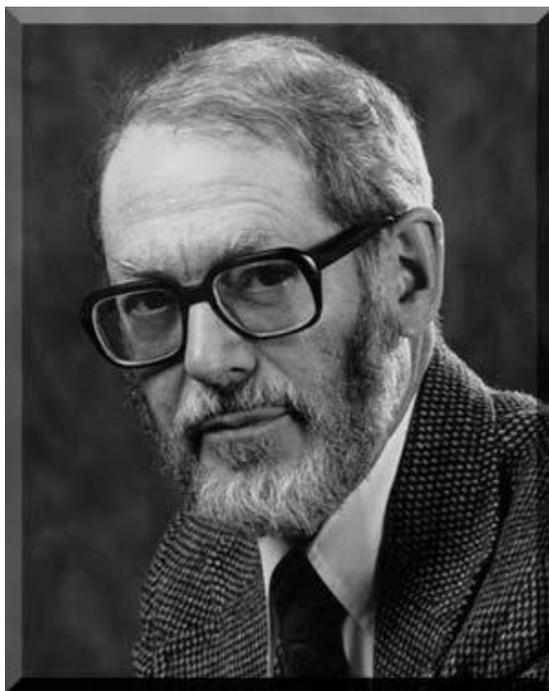
Seventeenth International Workshop on Laser Ranging

**Bad Koetzing , Germany
May 16 – 20, 2011**

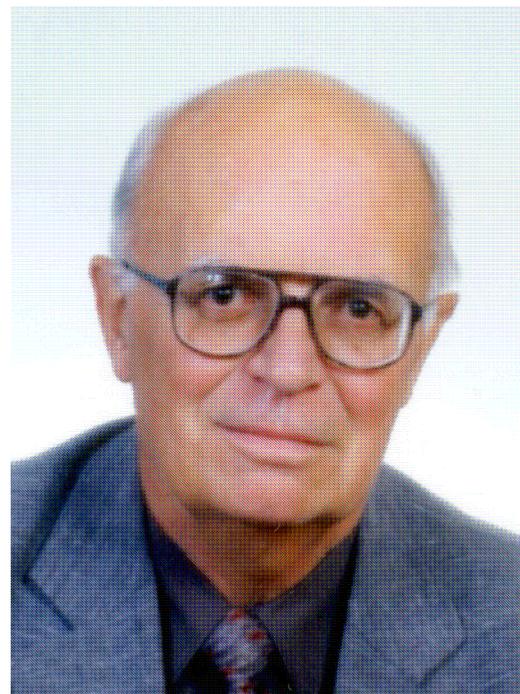
Organized through:

- **Research Group Satellite Geodesy of the Technische Universitaet Muenchen“**
- **Bundesamt fuer Kartographie und Geodaesie (Geodetic Observatory Wettzell andTIGO)**

Fathers of the Workshop



George C. Weiffenbach
1921 - 2003



Karel Hamal
1932 – 2007



International Laser Ranging Workshops

No.	Year	Location
1 st	1973	Lagonissi, Greece
2 nd	1975	Prague, Czech
3 rd	1978	Lagonissi, Greece
4 th	1981	Austin TX, USA
5 th	1984	Herstmonceux, UK
6 th	1986	Antibes, France
7 th	1989	Matera, Italy
8 th	1992	Annapolis MD, USA
9 th	1994	Canberra, Australia

No.	Year	Location
10 th	1996	Shanghai, China
11 th	1998	Deggendorf, Ger.
12 th	2000	Matera, Italy
13 th	2002	Washington DC, USA
14 th	2004	San Fernando, Spain
15 th	2006	Canberra, Australia
16 th	2008	Poznan, Poland
17 th	2011	Bad Koetzing, Ger.
18 th	?	?



17th Workshop on Laser Ranging Bad Koetzing Germany

- **MONDAY: May, 16**
 - Science Session (10:30 – 12:30 / 14:00 – 14:30)
 - Operations: Spatial and Temporal Coverage (14:30 – 15:30)
 - Atmospheric Refraction Correction: Hardware and Modeling (15:45 – 17:00)
 - SLR Techniques (17:00 – 18:15)
 - **Data Formats & Procedures WG Meeting**
- **TUESDAY: May, 17**
 - Modeling and Bias issues (9:00 – 11:30)
 - Improving Ranging Accuracy, Calibration and Local Ties I. (11:30 – 12:30, 14:00 – 15:30)
 - Observatory Excursion (15:30 – 16:00)
- **WEDNESDAY May, 18**
 - Improving support for GNSS and other challenging missions (9:00 - 11:30)
 - Satellite Subsystems: Retroreflector Arrays (11:30 – 15:15)
 - **Poster Session (15:15 – 18:00)**
 - **Missions WG Meeting (17:15 – 18:00)**
 - **Governing Board Meeting (18:30 – 20:00)**



17th Workshop on Laser Ranging Bad Koetzing Germany

- **THURSDAY: May, 19**
 - Interaction between Data-User and Stations (9:00 - 10:00)
 - New Laser Ranging Technologies and Capabilities that must be developed to support future missions (10:15 – 12:00)
 - Lunar Laser Ranging (13:30 – 15:00)
 - In-Sky-Laser-safety (15:15 – 16:45)
 - **Transponder WG Meeting: (17:00 – 18:00)**
 - **Banquet: (19:30 – ca. 22:30)**
- **FRIDAY: May, 20**
 - System Automation (9:00 – 10:30)
 - Workshop Summary (10:45 – 11:30)
 - General Assembly (11:30 – 13:00)
 - **Analysis WG Meeting (14:00 – 18:00)**



Workshop Success

- **Short presentations**
- **Discussion**
- **Trade Ideas for paths forward**
- **Short session reports (5 min) on Friday**
- **Presentations including session reports will be posted on the web**
- **Short written papers for the proceedings**
 - **Due in 60 days (July 20)**
 - **4 pages max; double column;**
 - **Use web links**
 - **Template to be issued**